WHAT IS CLAIMED IS:

1.   A method comprising:

5   providing an interface to store data independent of data storage mechanisms, the interface having a plurality of generic routines commonly shared by the data storage mechanisms;

upon receipt of a request, calling the generic routines as a function of one of the data storage mechanisms; and

10   executing the called routines to store the data according to the one of the data storage mechanisms,

wherein the interface provides a unique identifier associated with the data to store with the data in persistent storage.

15   2.   The method of claim 1, wherein the providing an interface includes:

providing a plurality of parameters to define the data storage mechanisms.

3.   The method of claim 2, wherein the calling the generic routines includes:

determining from the request the one of the data storage mechanisms; and

20   calling the generic routines with the parameters of the one of the data storage mechanisms.

4.   The method of claim 3, wherein the executing the called routines includes:

generating the unique identifier;

25   associating the unique identifier with the data;

formatting the data to be compatible with the one of the data storage mechanisms; and

storing the formatted data and the associated unique identifier.

30   5.   The method of claim 1, wherein the request includes a data write or a data read.

6.   The method of claim 1, wherein the data storage mechanisms include byte array read/write, file I/O, and JDBC.

7.   A method comprising:

5   providing an interface that includes memory management routines to store data in persistent data storage,

        wherein the memory management routines are independent of data storage mechanisms of the data storage.

10   8.   The method of claim 7, wherein one of the routines stores the data and any associated data.

9.   The method of claim 7, wherein one of the routines stores associated data from which the data may be reconstructed.

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10.   The method of claim 7, wherein one of the routines stores links and attributes of the data from which the data may be reconstructed.

11.   A method comprising:

20   providing a persistence class to include generic routines to read or write data in persistent data storage independent of data storage mechanisms;

        receiving a request to read or write the data;

        determining which of the data storage mechanisms to use;

        if the request is a data write,

25   instantiating the persistence class to create a persistence object specific to the determined data storage mechanism,

                using the persistence object to instantiate an entity class to create a data object into which to write the data to make the data persistent,

                directing an operating system to access the data storage, and

30   writing the data object to the data storage according to the determined data storage mechanism; and

if the request is a data read,

    instantiating the persistence class to create a persistence object specific to the determined data storage mechanism,

    using the persistence object to instantiate an entity class to create a data object to be loaded with the data to make the data persistent,

    directing an operating system to access the data storage, and

    loading the data into the data object according to the determined data storage mechanism.

12.   A system comprising:

at least one storage device having associated therewith a data storage mechanism; and

a mobile computer configured to provide an interface to make data persistent in the at least one storage device, the interface being independent of the data storage mechanism.

13.   The system of claim 12, wherein the storage device is a file, a byte array, or a JDBC database.

14.   The system of claim 12, wherein the interface includes:

a generator to create a unique identifier associated with the data in order to allow an application running on the computer to find the data; and

a memory manager to determine how the data is to be stored in the storage device and reconstructed when the data is read from the storage device.

15.   The system of claim 14, further comprising:

a second mobile computer having the application ported thereto,

wherein the second mobile computer executes the application without modifying the application, the application using the interface to find the data based on the unique identifier.